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Attorney's Docket No.: 4735.P005

Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Soma et al.

Examiner: Bui, Bryan

Application No.: 10/665,970

Art Unit: 2863

Filed: September 18, 2003

For: CHARACTERIZATION OF RADIO  
FREQUENCY (RF) SIGNALS USING  
WAVELET-BASED PARAMETER  
EXTRACTIONMail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-145003/17/2006 HTECKLU1 00000044 022666 10665970  
01 FC:1201 200.00 DA**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §§ 1.111 AND 1.121**

Sir or Madam:

In response to the Office Action mailed January 19, 2006, Applicants submit the following Remarks. Claim Amendments begin on page 2 of this paper. Remarks begin on page 8 of this paper. Applicants respectfully request that the Examiner reconsider the application.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. §1.136(a). Any fees required therefore are hereby authorized to be charged to Deposit Account No. 02-2666. Please credit any overpayment to the same deposit account.

Kindly enter the following Amendment and consider the following Remarks.

4735.P005  
Serial No. 10/665,970

- 1 -

Examiner: Bui, Bryan  
Art Unit : 2863NOT Enter  
10/665,970  
3/23/06